

Application No.: 10/052,634
Amendment dated: October 9, 2003
Examiner: Robert C. WATSON

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A hydraulic lifting device that is rapidly lifted; by a mechanical linkage, ~~to the required to a lifting support point prior to using the a~~ hydraulic system to actually raise ~~the a vehicle, wherein the lifting device comprising: consists of~~

~~two side vertical side plates, a lifting arm and a saddle support plate arm at the a front end thereof; there is~~

~~a clearance hole through one of the vertical side plate plates at a predetermined position;~~

~~the saddle support plate arm has an axial rod at a predetermined position; the a rotating shaft 2 protrudes through the clearance hole provided in one of the vertical side plate plates;~~

~~the rotating shaft is attached integrally with one end of the mechanical linkage and the other another end of the linkage is attached integrally with the axial rod on the saddle support arm; plate; by the use of the above component assembly;~~

~~when the rotating pin shaft is rotated, the linkage moves forward and the axial pin rod is rotated in the saddle support plate arm so that the lifting arm of the device is rapidly raised through space to the lifting support point of the vehicle; this movement is achieved rapidly with a to be lifted by mechanical motion rather than a hydraulic motion.~~

Claim 2 (Canceled)

Application No.: 10/052,634
Amendment dated: October 9, 2003
Examiner: Robert C. WATSON

3. (Currently Amended) A The hydraulic lifting device capable of being rapidly raised in a mechanical movement by the use of a linkage mechanism as claimed in claim 1, wherein the an inboard section of the rotating shaft is attached integrally to the mechanical linkage, and the an outboard section of the rotating shaft is integrally attached to a foot pedal.

4. (Withdrawn) A hydraulic lifting device capable of being rapidly raised in a mechanical movement by the use of a linkage mechanism as claimed in claim 3, wherein the inboard section of the rotating shaft is attached integrally to the linkage, and the outboard section of the rotating shaft is integrally attached to a lifting handle.

5. (Currently Amended) A The hydraulic lifting device capable of being rapidly raised in a mechanical movement by the use of a linkage mechanism as claimed in claim 3, wherein the rotating shaft is movably attached to the foot pedal.

6. (Withdrawn) A hydraulic lifting device capable of being rapidly raised in a mechanical movement by the use of a linkage mechanism as claimed in claim 4, wherein the rotating shaft is integrally attached to the lifting handle.

7. (Currently Amended) A The hydraulic lifting device capable of being rapidly raised in a mechanical movement by the use of a linkage mechanism as claimed in claim 5, wherein the outboard section of the rotating shaft has a threaded hole crossways to axis on the side, plus and an axial threaded hole on the an end face thereof; one end of the foot pedal has a raised cylindrical post, with an axial hole through the post, and on the inboard end of the post is a radial slot; wherein the pedal is attached to the rotating shaft and the pedal is allowed to move forward freely until the a stud thereof hits the an extreme end of the slot so as to be in a stowed non use

Application No.: 10/052,634
Amendment dated: October 9, 2003
Examiner: Robert C. WATSON

position.

8. (Currently Amended) A hydraulic lifting device capable of being rapidly raised in a mechanical movement by the use of a linkage mechanism, as claimed in claim 7, wherein the slot in the foot pedal cylindrical post has a selected cut angle.

9. (Currently Amended) A hydraulic lifting device capable of being rapidly raised in a mechanical movement by the use of a linkage mechanism, as claimed in claim 7, wherein a washer is adjoined to the end face of the rotating shaft, and a screw is threaded into the threaded hole so that the foot pedal and the rotating shaft are combined coaxially.

10. (Currently Amended) A The hydraulic lifting device capable of being rapidly raised in a mechanical movement by the use of linkage mechanism, as claimed in claim 7, wherein the stud is a pin rod.

11. (Withdrawn) A hydraulic lifting device capable of being rapidly raised in a mechanical movement by the use of a linkage mechanism, as claimed in claim 4, wherein the lifting handle has a clevis type shape that fits over both of the vertical side plates. The vertical sides of the handle have concentric posts at each lower end with engaging holes on the axis. Each of these posts have a slot with a selected cut angle on the inner end surface of the post; whereby the lifting handle is attached to the two rotating shafts and the two linkages to coaxially combine two posts on the lifting handle at each side.

multiple sentence

Application No.: 10/052,634
Amendment dated: October 9, 2003
Examiner: Robert C. WATSON

12. (Withdrawn) A hydraulic lifting device capable of being rapidly raised in a mechanical movement by the use of a linkage mechanism, as claimed in claim 11, wherein the slot has a selected cut angle.

13. (Withdrawn) A hydraulic lifting device capable of being rapidly raised in a mechanical movement by the use of a linkage mechanism, as claimed in claim 1, wherein a cross axial hole is formed in an extended outboard section of the rotating shaft; an auxiliary rod with an extending diameter is inserted into the cross hole of the rotating shaft; thereby, by moving the auxiliary rod the rotating shaft rotates and the linkage drives the lifting arm of the lifting device.

14. (Withdrawn) A hydraulic lifting device capable of being rapidly raised in a mechanical movement by the use of a linkage mechanism, as claimed in claim 1, wherein a cylindrical post is inserted into the outboard end of the extended rotating shaft, and the auxiliary rod has a hole in the front which fits over the cylindrical post, thereby, by moving the auxiliary rod the rotating shaft rotates and the linkage drives the lifting arm of the lifting device.